

## Network Ports used by Voyager

- **Article Type:** General
- **Product:** Voyager

### Question

What ports do Voyager services use?

### Answer

The following table shows the default ports used by Voyager services. The "xx" in each port number represents the port series used by an individual Voyager instance. (e.g. 7000, 7010, 7015 etc.) The default port series for the production instance is 70XX. 80XX is used by default for traindb.

Typically it is most efficient to open the entire port series range (for example 7000-7099), but your local policies and Best Practices may differ.

#### Voyager Ports and Services

Process/Service	Port Number	Protocol	Listener	Description
Popacsvr	xx00	VACS	inetd	OPAC Server
Pcatsvr	xx10	VACS	inetd	Cataloging Server
Pgdcsvr	xx15	VACS	Self	Global Data Change Server
Pacqsvr	xx20	VACS	inetd	Acquisitions Server
Pcirsvr	xx30	VACS	inetd	Circulation Server
Pselfchk	xx31	VACS	inetd	Self Check (SIP2)
Prptsvr	xx40	VACS	inetd	Reporting Server
Psysadminsvr	xx50	VACS	inetd	System Administration Server
Pkeysvr	xx60	VACS	inetd	Keyword Server
Pmfhdkeysvr	xx61	VACS	inetd	MFHD Keyword Server
Pfilesvr	xx70	VACS	inetd	File/Abstracts Server (Image Server)
Pncipsvr	xx75	VACS	inetd	NCIP Server (ILL/URSA/RELAIS)
Pcallspsvr	xx80	VACS	inetd	Call Slip/Request Server

Pscansvr	xx81	VACS	inetd	Scandoc Server
Pmediasvr	xx85	VACS	inetd	Media Booking
Pz3950svr	xx90	VACS	Self	Z39.50 Server
imagedb_Piasock	7500	VACS	Self	Image Server
Classic OPAC (Pwebrecon.cgi)	xx01	HTTP	Apache	Classic WebVoyáge Interface
Tomcat OPAC (vwebv)	xx08	HTTP	Apache	Tomcat WebVoyáge Interface
Webadmin	xx08	HTTP	Apache	Webadmin (usually with WebVoyáge)
vxws	xx14	HTTP	Apache/Tomcat	Serves data for WebVoyáge and OvP
vpds	xx44	HTTP	Apache	Voyager PDS Connector
vprimo	xx24	HTTP	Apache	VPrimo process for OvL (production)
core-sms-proxy	xx38	HTTP	Apache	SMS Notice Proxy
vprimo01	xx54	HTTP	Apache	VPrimo process for OvL (staging)
ncip Server	xx63	HTTP	Tomcat	Voyager ncip Connector
vdps	xx74	HTTP	Apache	Preservation Connector
VWS	xx89	HTTP	Tomcat	Verde/Meridian Web Services
Tomcat shutdown	xx06	Text	Tomcat	Tomcat Shutdown Port
vwebv	xx07	AJP	Tomcat	WebVoyáge AJP
vxws	xx13	AJP	Tomcat	WebVoyáge/Primo API AJP
vprimo	xx23	AJP	Tomcat	OvL Production AJP
PSR	xx33	AJP	Tomcat	Patron Self Registration AJP
core-sms-proxy	xx37	AJP	Tomcat	SMS Notice Proxy AJP
vpds	xx43	AJP	Tomcat	Voyager PDS Connector AJP
vprimo01	xx53	AJP	Tomcat	Staging OvL AJP
ncip Tomcat shutdown	xx62	Text	Tomcat	ncip Tomcat Shutdown Port
ncip Listener	xx64	NCIP TCP	Tomcat	ncip Listener (URSA, RELAIS, OCLC Nav)
vdps	xx73	AJP	Tomcat	Preservation Connector AJP
AutoUpdate	xx99	HTTP	Apache	Default Client AutoUpdate
analyzer	9299	HTTP	Cognos	Analyzer web interface
SSH	22	SSH	SSH	SSH
Oracle Listener	1521	ODBC/JDBC	Oracle	Oracle Listener

## Additional Information

See also: [Environment Access Considerations for Troubleshooting](#)

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